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NEWS 2	Dec 17	The CA Lexicon available in the CAPLUS and CA files
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NEWS 4	Feb 16	TOXLINE no longer being updated
NEWS 5	Apr 23	Search Derwent WPINDEX by chemical structure
NEWS 6	Apr 23	PRE-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA
NEWS 7	May 07	DGENE Reload
NEWS 8	Jun 20	Published patent applications (A1) are now in USPATFULL
NEWS 9	JUL 13	New SDI alert frequency now available in Derwent's DWPI and DPCI
NEWS 10	Aug 23	In-process records and more frequent updates now in MEDLINE
NEWS 11	Aug 23	PAGE IMAGES FOR 1947-1966 RECORDS IN CAPLUS AND CA
NEWS 12	Aug 23	Adis Newsletters (ADISNEWS) now available on STN
NEWS 13	Sep 17	IMSworld Pharmaceutical Company Directory name change to PHARMASEARCH

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=> s efp or elongation factor p

L1 704 EFP OR ELONGATION FACTOR P

=> s compound () increase () efp activity

L2 0 COMPOUND (W) INCREASE (W) EFP ACTIVITY

=> s l1 and compound

L3 92 L1 AND COMPOUND

=> s l3 and increase activity

L4 0 L3 AND INCREASE ACTIVITY

=> s tryptophan and l3

L5 7 TRYPTOPHAN AND L3

=> s l5 and increas fluorescence

L6 0 L5 AND INCREAS FLUORESCENCE

=> d l5 ti abs ibib tot

L5 ANSWER 1 OF 7 USPATFULL
TI Enterococcal aminoacyl-trna synthetase proteins, nucleic acids and strains comprising same
AB Recombinant nucleic acids which encode aminoacyl-tRNA sythetases of enterococcal origin or portions of such enzymes, have been isolated. These nucleic acids can be used to make expression constructs and transformed host cells for the production of enterococcal aminoacyl-tRNA synthetases. They can also be used in the further isolation of nucleic acids related by DNA sequence similarities, which also encode

enterococcal aminoacyl-tRNA synthetases, or portions thereof. A further embodiment of the invention is antisense nucleic acid which can hybridize to th[redacted]ucleic acid which encodes the [redacted]noacyl-tRNA synthetase of enterococci. The invention also relates to tRNA synthetases such as isolated and/or recombinant enterococcal aminoacyl-tRNA synthetases. Antibodies which bind to these enzymes can be made and can be used in the purification and study of the enzymes. Tester strains, which are cells engineered to rely on the function of the tRNA synthetase encoded by an introduced cloned gene, can be used to
test the effectiveness of drug candidates in the inhibition of the essential tRNA synthetase enzyme encoded by an introduced cloned gene.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:	2001:59662 USPATFULL
TITLE:	Enterococcal aminoacyl-trna synthetase proteins, nucleic acids and strains comprising same
INVENTOR(S):	Tao, Jianshi, North Andover, MA, United States Sassanfar, Mandana, Dedham, MA, United States Gallant, Paul L., Dedham, MA, United States Shen, Xiaoyu, Boston, MA, United States Avruch, Anthony S., Watertown, MA, United States Yu, Russell V., Munster, IN, United States Nair, Shamila, Paris, France(4)
PATENT ASSIGNEE(S):	Cubist Pharmaceuticals, Inc., Cambridge, MA, United States (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 6221640	B1	20010424	
APPLICATION INFO.:	US 1997-855910		19970514	(8)

DOCUMENT TYPE:	Utility
FILE SEGMENT:	Granted
PRIMARY EXAMINER:	Hobbs, Lisa J.
LEGAL REPRESENTATIVE:	Hamilton, Brook, Smith & Reynolds, P.C.
NUMBER OF CLAIMS:	110
EXEMPLARY CLAIM:	1
NUMBER OF DRAWINGS:	9 Drawing Figure(s); 9 Drawing Page(s)
LINE COUNT:	4482

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 2 OF 7 USPATFULL
TI Interferon stimulating protein and uses thereof
AB This invention relates to the use of the baculovirus glycoprotein, Interferon Stimulating Protein (ISP) (also known as gp67, gp64 **EFP**, or gp64), or the gene sequence encoding ISP, to stimulate production of interferon, such as for immunotherapy, anti-viral, anti-cancer, anti-bacterial, or anti-parasitic therapy. This invention also relates to novel mutant forms of ISP that show enhanced biological (i.e., anti-viral) activity, increased stability, higher yield or better
solubility.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:	1999:163661 USPATFULL
TITLE:	Interferon stimulating protein and uses thereof
INVENTOR(S):	Hilbert, David M., Bethesda, MD, United States Bednarik, Daniel P., Columbia, MD, United States Nardelli, Bernadetta, Gaithersburg, MD, United States Murphy, Marianne, Richmond, United Kingdom Parmelee, David, Rockville, MD, United States Gronowski, Ann, Ballwin, MO, United States Schreiber, Robert, St. Louis, MO, United States
PATENT ASSIGNEE(S):	Humn Genome Sciences, Inc., Rockville, MD, United

States (U.S. corporation)
Washington University, St. Louis, MO, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6001806		19991214
APPLICATION INFO.:	US 1998-105039		19980626 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-51053	19970627 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: MacMillan, Keith D.
ASSISTANT EXAMINER: Wessendorf, T. D.
LEGAL REPRESENTATIVE: Hoover, Kenley K.
NUMBER OF CLAIMS: 20
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 13 Drawing Figure(s); 15 Drawing Page(s)
LINE COUNT: 3165
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 3 OF 7 USPATFULL
TI Tumor necrosis factor receptor-associated factors
AB The invention concerns new tumor necrosis factor receptor associated factors, designated TRAF. The new factors are capable of specific association with the intracellular domain of the type 2 TNF receptor (TNF-R2), and are involved in the mediation of TNF biological activities.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ACCESSION NUMBER: 1999:19275 USPATFULL
TITLE: Tumor necrosis factor receptor-associated factors
INVENTOR(S): Goeddel, David V., Hillsborough, CA, United States
Rothe, Mike, San Mateo, CA, United States
PATENT ASSIGNEE(S): Genetech, Inc., South San Francisco, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5869612		19990209
APPLICATION INFO.:	US 1996-744139		19961105 (8)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1994-250858, filed on 27 May 1994, now patented, Pat. No. US 5708142
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Ulm, John
LEGAL REPRESENTATIVE: Dreger, Ginger R.
NUMBER OF CLAIMS: 5
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 23 Drawing Figure(s); 16 Drawing Page(s)
LINE COUNT: 3799
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 4 OF 7 USPATFULL
TI Tumor necrosis factor receptor-associated factors
AB The invention concerns new tumor necrosis factor receptor associated factors, designated TRAFs. The new factors are capable of specific association with the intracellular domain of the type 2 TNF receptor (TNF-R2) and CD40, and are involved in the mediation of TNF and CD40 ligand biological activities.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 1998:42239 USPATFULL
TITLE: Tumor necrosis factor receptor-associated factors
INVENTOR(S): [redacted]oeddel, David V., Hillsborough, [redacted]A, United States
Rothe, Mike, San Mateo, CA, United States
PATENT ASSIGNEE(S): Genentech, Inc., South San Francisco, CA, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5741667		19980421
APPLICATION INFO.:	US 1995-446915		19950522 (8)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1994-331394, filed on 28 Oct 1994, now patented, Pat. No. US 5670319 which
is a continuation-in-part of Ser. No. US 1994-250858, filed on 27 May 1994
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Ulm, John
LEGAL REPRESENTATIVE: Dreger, Ginger R.
NUMBER OF CLAIMS: 6
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 29 Drawing Figure(s); 19 Drawing Page(s)
LINE COUNT: 4348
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 5 OF 7 USPATFULL
TI Tumor necrosis factor receptor-associated factors
AB The invention concerns new tumor necrosis factor receptor associated factors, designated TRAF. The new factors are capable of specific association with the intracellular domain of the type 2 TNF receptor (TNF-R2), and are involved in the mediation of TNF biological activities,

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ACCESSION NUMBER: 1998:4740 USPATFULL
TITLE: Tumor necrosis factor receptor-associated factors
INVENTOR(S): Goeddel, David V., Hillsborough, CA, United States
Rothe, Mike, San Mateo, CA, United States
PATENT ASSIGNEE(S): Genentech, Inc., South San Francisco, CA, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5708142		19980113
APPLICATION INFO.:	US 1994-250858		19940527 (8)

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Ulm, John
LEGAL REPRESENTATIVE: Dreger, Ginger R.
NUMBER OF CLAIMS: 1
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 23 Drawing Figure(s); 16 Drawing Page(s)
LINE COUNT: 3737
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 6 OF 7 USPATFULL
TI Assay for tumor necrosis factor receptor-associated factors
AB The invention concerns new tumor necrosis factor receptor associated factors, designated TRAF. The new factors are capable of specific association with the intracellular domain of the type 2 TNF receptor (TNF-R2), and are involved in the mediation of TNF biological

activities.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:	97:86433 USPATFULL		
TITLE:	Assay for tumor necrosis factor receptor-associated factors		
INVENTOR(S):	Goeddel, David V., Hillsborough, CA, United States Rothe, Mike, San Mateo, CA, United States		
PATENT ASSIGNEE(S):	Genentech, Inc., South San Francisco, CA, United States (U.S. corporation)		
	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5670319		19970923
APPLICATION INFO.:	US 1994-331394		19941028 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1994-250858, filed on 27 May 1994		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Ulm, John		
LEGAL REPRESENTATIVE:	Dreger, Ginger R.		
NUMBER OF CLAIMS:	8		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	23 Drawing Figure(s); 16 Drawing Page(s)		
LINE COUNT:	3908		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 7 OF 7 WPIDS COPYRIGHT 2001 DERWENT INFORMATION LTD

TI Identifying a **compound** which modulates the activity of prokaryotic **elongation factor p** (**efp**) for screening for compounds which can be used as antibiotics comprises contacting **efp** with a **compound** and determining if **efp** activity is modified.

AN 2000-524303 [47] WPIDS

AB WO 200045177 A UPAB: 20000925

NOVELTY - A method (M1) for identifying a **compound** which modulates the activity of **efp** comprises contacting **efp** with a **compound** and determining whether the **compound** modifies activity of **efp**.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) a method (M2) for identifying a **compound** which modulates **efp** activity comprising:

(a) contacting a cell containing **efp** with a **compound** identified by M1; and

(b) determining whether the **compound** inhibits cell growth;

(2) a method (M3) for identifying a **compound** which modulates **efp** activity comprising:

(a) contacting a composition comprising **efp**, N-formylmethionyl-tRNA (fMet-tRNA), 30S subunit, 50S, an mRNA containing an AUG sequence and initiation factors 1,2 and 3 with a **compound**; and

(b) determining whether the **compound** allows fMet-tRNA to bind to a complex formed through the interaction of **efp**, 30S subunit, 50S, an mRNA containing an AUG sequence and initiation factors 1,2 and 3;

(3) a method (M4) for identifying a **compound** which modulates **efp** activity comprising:

(a) contacting **efp** with prokaryotic 30S subunit or 70S ribosome to form a composition;

(b) contacting the composition with a **compound**; and

(c) determining whether the **compound** binds to **efp** in association with the 30S subunit or 70S ribosome or interferes with

the binding of **efp** and the 30S subunit or 70S ribosome;

(4) a method (M5) for identifying a **compound** which modulates **efp** activity comprising:

(a) contacting **efp** with a composition comprising either 50S subunit or 70S ribosome, a tRNA fragment comprising CACCA-radiolabeled amino acid and a peptide bond donor to form a second composition;

(b) contacting the second composition with the **compound**; and

(c) determining whether the **compound** inhibits the first peptide bond reaction;

(5) a method (M6) for identifying a **compound** which modulates **efp** activity comprising:

(a) contacting a cell or composition containing **efp** with a detectably labelled oxazolidinone **compound** known to bind **efp**;

(b) contacting the composition or cell with an unlabelled **compound**; and

(c) determining whether the unlabelled **compound** displaces the labelled oxazolidinone **compound** from the complex;

(6) a method (M7) for identifying a **compound** which modulates **efp** but not eukaryotic eIF5A activity comprising:

(a) determining whether the **compound** modulates the activity of prokaryotic **efp** by M1 - M7;

(b) contacting eIF5A with a composition comprising methionyl-tRNA (Met-tRNA), 80S ribosome, an mRNA containing an AUG sequence, initiation factors eIF-2, eIF-3, eIF-5, eIF-4C, eIF-4D and a peptide bond donor to form a second composition;

(c) contacting the second composition with a **compound**; and

(d) determining whether the **compound** inhibits the first peptide bond reaction of a complex formed through the interaction of eIF5A, Met-tRNA, 80S ribosome, an mRNA containing an AUG sequence, initiation factors eIF-2, eIF-3, eIF-5, eIF-4C and eIF-4D; and

(7) modulating the activity of prokaryotic **efp**, the 30S subunit, 50S subunit, 70S ribosome or L16 protein comprising contacting the **efp** or cell or cell preparation containing the **efp**, the 30S subunit, 50S subunit, 70S ribosome or L16 protein with an oxazolidinone **compound**.

USE - To screen for compounds which modulate ribosome mediated peptide bond formation. These screening assays can be used to discover new and useful antibiotics.

ADVANTAGE - This screening method is more rapid and direct than currently available methods.

Dwg.0/0

ACCESSION NUMBER: 2000-524303 [47] WPIDS
DOC. NO. NON-CPI: N2000-387540
DOC. NO. CPI: C2000-155724
TITLE: Identifying a **compound** which modulates the activity of prokaryotic **elongation factor p** (**efp**) for screening for compounds which can be used as antibiotics comprises contacting **efp** with a **compound** and determining if **efp** activity is modified.
DERWENT CLASS: B04 D16 S03
INVENTOR(S): MAROTTI, K R; POORMAN, R A; SHINABARGER, D L; WELLS, P A
PATENT ASSIGNEE(S): (PHAA) PHARMACIA & UPJOHN
COUNTRY COUNT: 86
PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
WO 2000045177	A1	20000803	(200047)*	EN	52

RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW
W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB

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LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR
TT UA UG US UZ VN YU ZA ZW

AU 9942246 A 20000818 (200057)

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 2000045177	A1	WO 1999-US12073	19990528
AU 9942246	A	AU 1999-42246	19990528

FILING DETAILS:

PATENT NO	KIND		PATENT NO
AU 9942246	A	Based on	WO 200045177

PRIORITY APPLN. INFO: US 1999-117473 19990127